



(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 353 046
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 89307595.2

(51) Int. Cl.⁵: A63B 21/00

(22) Date of filing: 26.07.89

(30) Priority: 26.07.88 GB 8817757

(43) Date of publication of application:
31.01.90 Bulletin 90/05

(84) Designated Contracting States:
AT BE CH DE ES FR GB IT LI LU NL SE

(88) Date of deferred publication of the search report:
31.10.90 Bulletin 90/44

(71) Applicant: DAYTON INDUSTRIAL COMPANY
LIMITED
2-12 Kwai Fat Road 11-A Kwai Chung
New Territories(HK)

(72) Inventor: Leung, Peter Shiu Hung
2-12 Kwai Fat Road
11th Floor A, Kwai Chung New
Territories(HK)

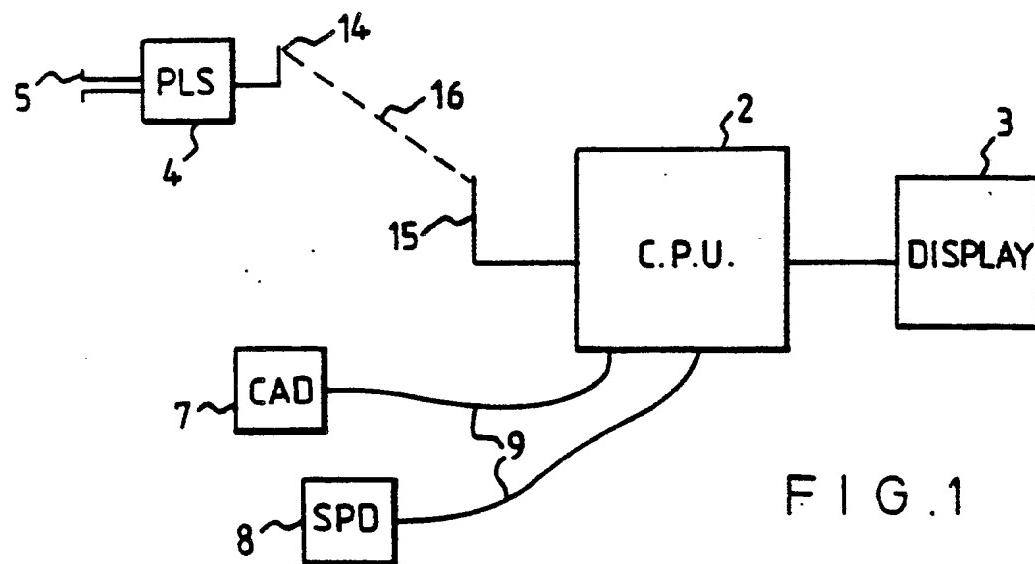
(74) Representative: Luckhurst, Anthony Henry
William et al
MARKS & CLERK 57-60 Lincoln's Inn Fields
London WC2A 3LS(GB)

(54) Cycling monitor.

(57) In a cycle computer a microprocessor 2 receives signals from a detector, such as a pulse detector 4, over a wireless link. The microprocessor 2 is programmed to display values such as pulse rate on a liquid crystal display in response to rider instruc-

tions. Cadence and speed detectors 7, 8 are also provided and may be linked by wire 9 or may also transmit signals to the microprocessor 2 over a wireless link.

EP 0 353 046 A3



F I G . 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 30 7595

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.S)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.S)
X	US-A-3 542 012 (FRIEBERGER) * Column 1, line 21 - column 2, line 7; column 2, lines 23-28, 51-56; figure 1 *	1-4	A 63 B 21/00
Y	---	5-8, 11-15, 17	
X	US-A-4 408 613 (RELYEA) * Column 2, line 51 - column 3, line 3; column 4, line 1 - column 5, line 51; column 7, lines 35-51; column 8, line 51 - column 9, line 10; column 9, line 63 - column 10, line 32; figure 1 *	1,5	
Y	---	7,8	
Y	US-A-4 278 095 (LAPEYERE) * Column 2, lines 49-51; column 2, line 65 - column 3, line 4; column 3, lines 19-35 *	5,6	
Y	---		
Y	MACHINE DESIGN, vol. 59, no. 9, 23rd April 1987, pages 28-36, Cleveland, Ohio, US; S.J. MURASKI: "Exercise equipment joins the computer age" * Page 33, line 29 - page 36, column 1, line 9; page 36, figure 1 *	11-15	TECHNICAL FIELDS SEARCHED (Int. Cl.S)
Y	---		A 63 B A 61 B
Y	DE-A-3 031 313 (CHRISTOPEIT) * Page 6, lines 1-5; page 9, lines 13-20; page 10, lines 8-11; page 13, line 4 - page 14, line 8; figure 3 *	17	
X	EP-A-0 200 610 (HASAN II ROY DU MAROC) * Column 1, line 25 - column 2, line 15; column 7, line 7 - column 8, line 48; column 10, lines 11-14 *	1-5	

The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	14-08-1990	SCHOENLEBEN J.E.F.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			